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Datasheet for ABIN910810

## anti-PFKFB1 antibody (AA 21-120) (AbBy Fluor® 488)

### Overview

Quantity:	100 µL
Target:	PFKFB1
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFKFB1 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PFKFB1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	PFKFB1
Alternative Name:	PFKFB1 ( <a href="#">PFKFB1 Products</a> )

## Target Details

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Background: Synonyms: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1, 6-bisphosphatase, 6-P2ase 1, 6-P2ASE liver isozyme, 6PF-2-K/Fru-2,6-P2ASE liver isozyme, 6PF-2-K/Fru-2,6-P2ase 1, 6PF-2-K/Fru-2, F261\_HUMAN, F6PK, Fructose-2,6-bisphosphatase, Fructose-6-phosphate-2-kinase:fructose-2,6-bisphosphatase, Fructose-2, HL2K, MGC116715, MGC116717, PFK/FBPase 1, PFKFB1, Pfkfb1, PFRX.

Background: PFKFB1 belongs to the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-bisphosphatase enzymes. It forms a homodimer that is involved in both the synthesis and degradation of fructose 2,6-bisphosphate. The activity of this enzyme is thought to regulate glucose homeostasis.

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Gene ID: 5207

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months